

ABSTRACT OF THE DISCLOSURE

A vessel includes an inner layer forming a substantial enclosure and including a chemically inert material. An intermediate or bondable layer is mechanically attached to the inner layer. The intermediate layer can include a fibrous material. An outer layer is bonded to the intermediate layer, and surrounds at least a portion of the inner layer. A method for forming the vessel includes disposing a bondable layer against an inner surface of a mold shaped to form a substantial enclosure. A preform formed of a plastic material is disposed into the mold. The preform is heated and pressurized causing the preform to expand to conform to the mold to form the substantial enclosure, and causing the plastic material to embed into an exposed portion of the bondable layer. The substantial enclosure with the bondable layer is removed from the mold. Another item is bonded to the bondable layer.

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